

# Patent [19]

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## [54] AIR PURIFICATION DEVICE OF VEHICLE

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## [57] ABSTRACT

**PROBLEM TO BE SOLVED:** To efficiently decompose the substance with disagreeable odor which is adhered to a back side of a filter or a part where no light reaches by changing a part to be irradiated with the sunshine or the light from a light source to irradiate the light on the back side of the filter or the part where no light reaches.

**SOLUTION:** In a vehicle where the outside air is supplied into the vehicle surrounding seats through a filter 3 including a photocatalyst member, or a vehicle where the inside air is circulated, the filter 3 is formed in a roll, and arranged so that the whole area of the filter 3 is irradiated with the sunshine or the light irradiated from a light source 32 by turning the filter by a motor. A sun visor 40 provided with a mirror is provided on the periphery of the filter 3 to reflect the sunshine to irradiate the filter 3 therewith.

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